

This report summarizes the time-dependent portion of your electricity charges, the portion of the charges dependent on your usage patterns. It also compares your charges relative to those of others in your “peer group” – those within the same North American Industry (NAICS) code and subscribed to the same time of use rate (TOU). It is provided to you for your information and as a backdrop for the conversation with Southern California Edison (SCE) to find opportunities for savings.

The analysis is performed by back-casting your last year’s consumption to the rates currently in effect. As such, it is a forecast of your future payments, not an accurate replica of your earlier ones.

Components of the Bill

The time-dependent part of an electric bill has three main components: energy charges, facility charges, and demand charges. The first component - energy charges - are collected to recover your utility’s cost to procure electricity. They are calculated by multiplying your consumption over a given time interval by the price of electricity at the same interval and summing these charges over the billing period (typically a calendar month). The remaining two components are the makeup of these charges for the year and by month are shown in Figures ?? and ??, respectively.

Note that the demand charges are collected only in the four summer months, yet they account for 48.6% of the total annual bill. The expected annual charges by bill component are summarized in Table ??.

Table 1: Components of Annual Electric Bill

Bill component	Amount [\$]
Facility	14262.86
Energy	22866.86
Demand	7375.78
Total	44505.50

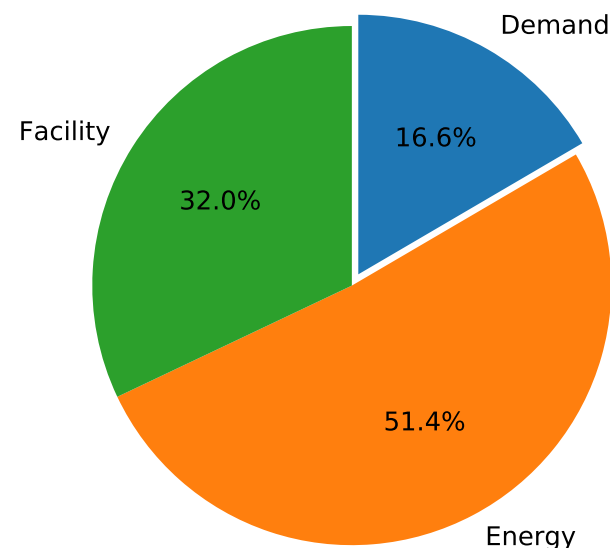


Figure 1: Makeup of annual charges

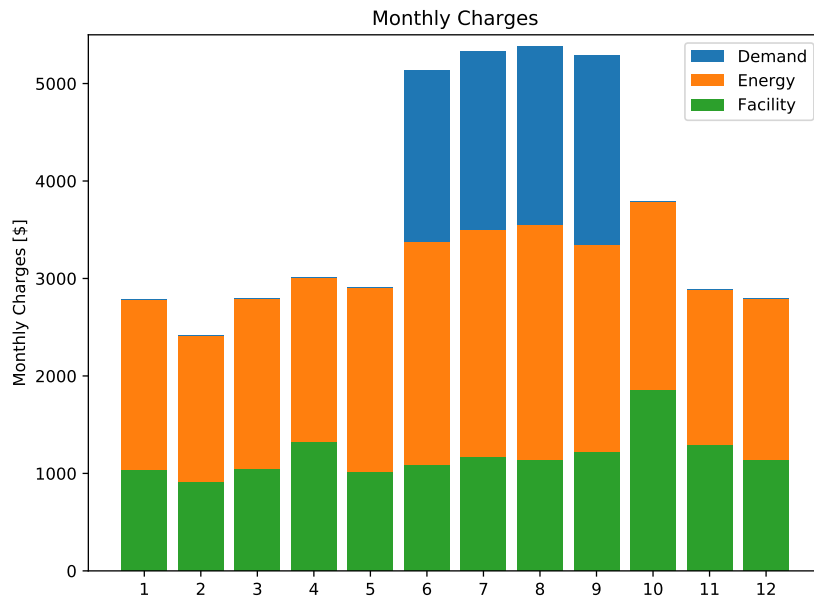


Figure 2: Makeup of monthly charges

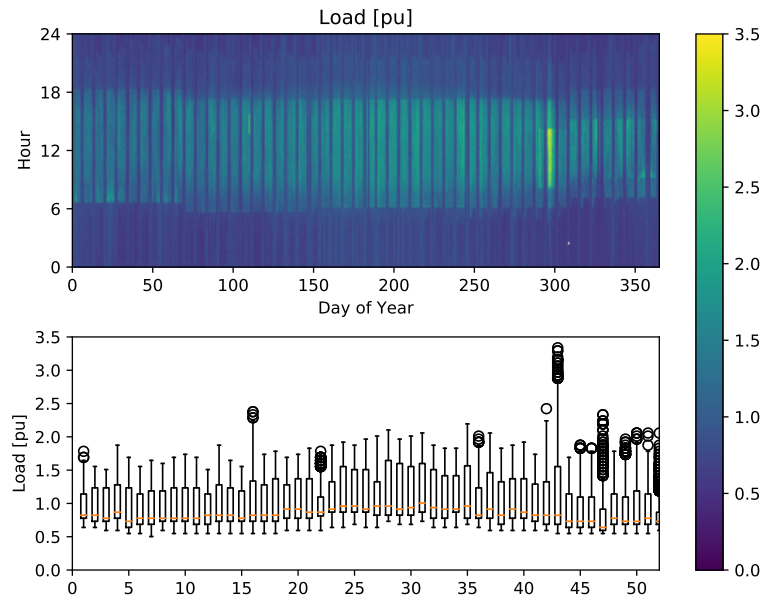


Figure 3: Normalized consumption for L1P340

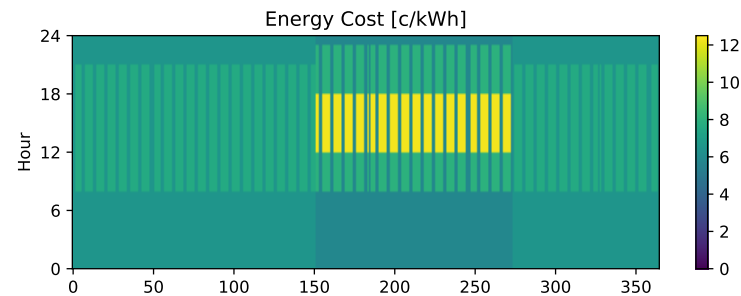


Figure 4: Energy price on TOU-GS3-B

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Table 2: Monthly Energy Charges

Month	Charge [\$]	Month	Charge [\$]
Jan	1739.56	Jul	2330.78
Feb	1496.55	Aug	2401.28
Mar	1753.53	Sep	2119.83
Apr	1689.21	Oct	1934.00
Jun	2280.45	Nov	1589.72
May	1885.83	Dec	1646.12
Average	1905.57		

Peer performance

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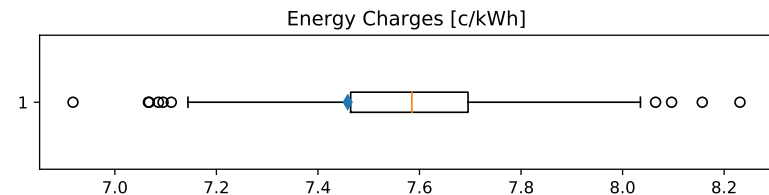


Figure 5: Average annual energy price for L1P340 compared to peers

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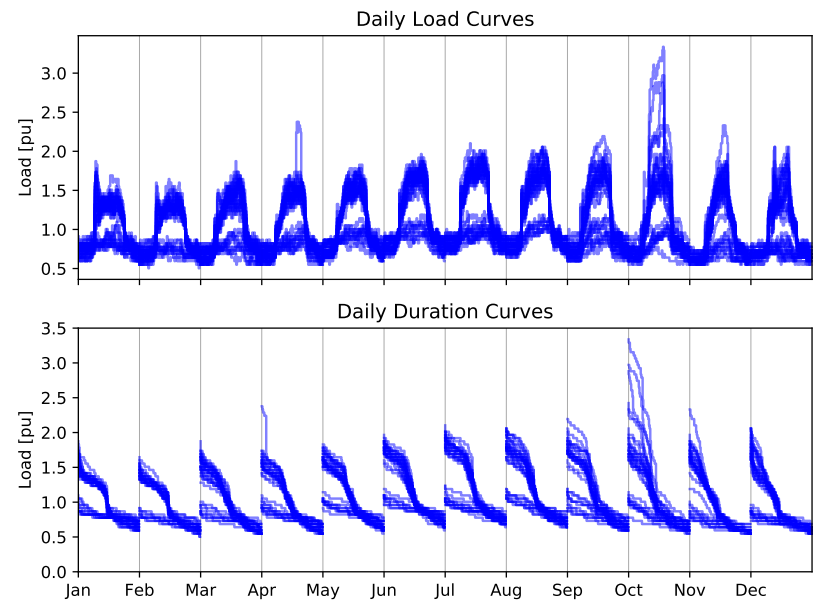


Figure 6: Normalized load and demand profiles for L1P340

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Peer performance

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Table 3: Monthly Demand Charges

Month	Charge [\$]	Month	Charge [\$]
Jan	1042.38	Jul	3003.52
Feb	915.26	Aug	2978.83
Mar	1042.38	Sep	3167.61
Apr	1322.05	Oct	1855.95
May	1016.96	Nov	1296.62
Jun	2852.97	Dec	1144.08
Average	1803.22		

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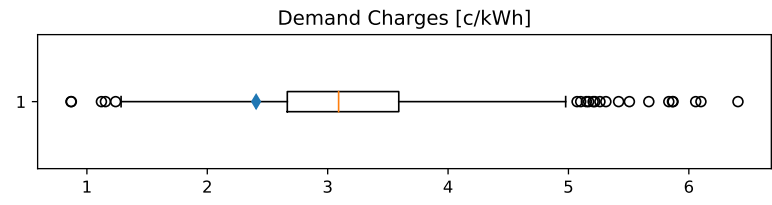


Figure 7: Average annual demand price for L1P340 compared to peers